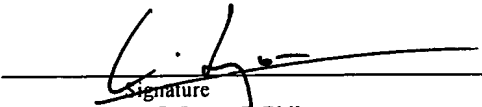


TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 2006078-0009 (JG/12987.54) 10/549796
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To be assigned
INTERNATIONAL APPLICATION NO. PCT/CA2004/000453	INTERNATIONAL FILING DATE March 25, 2004	PRIORITY DATE CLAIMED March 26, 2003
TITLE OF INVENTION PHEX SUBSTRATES AND METHODS USING SAME		
APPLICANT(S) FOR DO/EO/US Boileau, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). Publication WO 2004/085465 A1 (54 pp., including front page, Sequence Listing & Int'l Search Report) b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)). a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.) 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. (<u>12</u> pp.) 14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: <input checked="" type="checkbox"/> Paper Copy of Substitute Sequence Listing (10 pp.) <input checked="" type="checkbox"/> Computer-readable form of Substitute Sequence Listing <input checked="" type="checkbox"/> Statement Under 37 C.F.R. § 1.821(f) (1 pg.) <input checked="" type="checkbox"/> Return Postcard <input checked="" type="checkbox"/> Certificate of Express Mailing (1 pg.)		

U.S. APPLICATION NO. <small>(if known, see 37 CFR 1.5)</small> 10/549796		INTERNATIONAL APPLICATION NO. PCT/CA2004/000453		ATTORNEY'S DOCKET NUMBER 2006078-0009 (JG/12987.54)	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee..... \$200.00				\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee \$500.00				\$ 500.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$1,000.00	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
54- 100 =	0/50 =	0	x \$250.00	\$0	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$-	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	48- 20 =	28	28 x \$50.00	\$1,400.00	
Independent claims	5 - 3 =	2	2 x \$200.00	\$ 400.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			NONE	0 x \$360.00	\$ 0.00
TOTAL OF ABOVE CALCULATIONS =				\$2,800.00	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				-\$1,400.00	
SUBTOTAL =				\$ 1,400.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f))				+	
TOTAL NATIONAL FEE =				\$ 1,400.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				+	
TOTAL FEES ENCLOSED =				\$1,400.00	
Amount to be refunded				\$	
Amount to be charged					\$
a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,400.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. <u>03-1721</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-1721</u> . A duplicate of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.					
SEND ALL CORRESPONDENCE TO: Patent Group Choate, Hall & Stewart Two International Place Boston, Massachusetts 02110					
				Signature  Charles E. Lyon, D.Phil. Name	
				56,630 Registration Number	

ATTORNEY DOCKET No.: 2006078-0009 (JG/12987.54)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

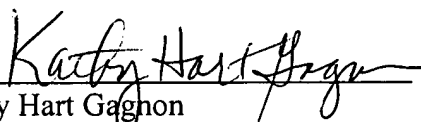
Applicant: Boileau, *et al.* Examiner: NYA.
Serial No: NYA Group Art Unit: NYA
Filing Date: September 19, 2005
Corresp. to: PCT/CA2004/000453
Int. Filing Date: March 25, 2004
Earliest Priority: March 26, 2003
Title: PHEX SUBSTRATES AND METHODS USING SAME

Mail Stop: PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Certificate of Express Mailing

I hereby certify that the foregoing documents are being deposited with the United States Postal Service as "*Express Mail Post Office to Addressee*" service under 37 C.F.R. 1.10 in an envelope addressed to Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date of September 19, 2005.


Kathy Hart Gagnon

Express Mail No.: EV 694839676 US